



[X] First Class Mail or [] Express Mail Certificate _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: SANDERS, Royden C.

Group Art Unit: 3672

Serial No. 10/731,056

Examiner:

Filed: 12/09/2003

Atty. Dkt. No: SDI21-US

For: SIESMIC SENSITIVE MASS MOTION POWER CONVERTER FOR PROTECTING
STRUCTURES FROM EARTHQUAKES

To: Mail Stop IDS
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Fm:

24222

CERTIFICATE OF MAILING 37 CFR 1.8: I certify that this correspondence is being deposited on the below date with the U.S. Postal Service with sufficient postage as FIRST CLASS MAIL addressed to: Mail Stop IDS, Commissioner of Patents, PO Box 1450, Alexandria, VA 22313-1450

Date: 04/01/2004

Debra A. Stengel
[] Debra A. Stengel

Commissioner:

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Transmitted herewith is the Applicant's Information Disclosure Statement, 2 sheets form PTO/SB/08A and/or PTO/SB/08B, and 7 references and other information. Pursuant to 37 CFR 1.98 (a)(2)(i) applicant has not transmitted herewith copies of cited U.S. Patents and U.S. patent application publications as the above application was filed after June 30, 2003. Please enter in the above application and communicate in all related matters with the undersigned.

All necessary fees are intended to be included, however the Office is hereby authorized to charge any deficiency or credit any overpayment in the fees to deposit account #500323.

Respectfully submitted,

Vernon C. Maine, Reg. No. 37,389
Attorneys/Agents for Applicant

Cus. No. 24222
Maine & Asmus
PO Box 3445
Nashua, NH 03061-3445
Tel. No. (603) 886-6100, Fax. No. (603) 886-4796
Info@maineandasmus.com



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: SANDERS, Royden C. Group Art Unit: 3672
Serial No. 10/731,056 Examiner:
Filed: 12/09/2003 Atty. Dkt. No: SDI21-US
For: SIESMIC SENSITIVE MASS MOTION POWER CONVERTER FOR PROTECTING
STRUCTURES FROM EARTHQUAKES

To: Mail Stop IDS
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Fm:

24222

CERTIFICATE OF MAILING 37 CFR 1.8: I certify that this correspondence is being deposited on the below date with the U.S. Postal Service with sufficient postage as FIRST CLASS MAIL addressed to: Mail Stop IDS, Commissioner of Patents, PO Box 1450, Alexandria, VA 22313-1450

Date: 04 / 01 / 2004

Debra A. Stengel
[] Debra A. Stengel

Commissioner:

INFORMATION DISCLOSURE STATEMENT

Applicants submit this statement and the attached 2 sheet(s) of form PTO/SB/08A and/or PTO/SB/08B and 7 references and other information in accordance to the duty of disclosure under 37 C.F.R. §§1.56, 1.97, and 1.98, and requests consideration hereof. Pursuant to 37 CFR 1.98 (a)(2)(i) applicant has not transmitted herewith copies of cited U.S. Patents and U.S. patent application publications as the above application was filed after June 30, 2003.

Compliance with 37 C.F.R. §1.97: This Information Disclosure Statement is filed within three (3) months of the filing date of a National Application or before the mailing date of a first office action on the merits. No fee or certification is required.

Information Cited: The Applicants hereby make of record in the above-identified application, the information listed on the attached form PTO/SB/08A and/or PTO/SB/08B. The order of presentation of the references should not be construed as an indication of the importance of the reference. As all the references listed on attached Form PTO/SB/08A and/or PTO/SB/08B are in English, no commentary is required.

Remarks: A copy of each reference, together with a listing on Form PTO/SB/08A and/or PTO/SB/08B, is submitted herewith. Applicants respectfully request that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;

2. The enclosed form PTO/SB/08A and/or PTO/SB/08B be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application; and

3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

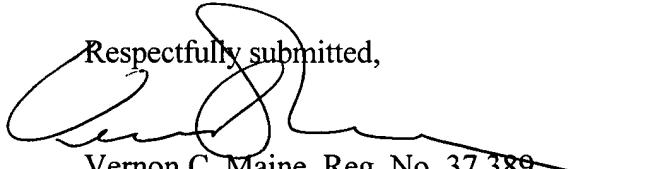
By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined in 37 C.F.R. §102.

Notwithstanding any statement by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,


Vernon C. Maine, Reg. No. 37,389
Attorneys/Agents for Applicant

Cus. No. 24222
Maine & Asmus
PO Box 3445
Nashua, NH 03061-3445
Tel. No. (603) 886-6100, Fax. No. (603) 886-4796
Info@maineandasmus.com



PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/731,056
Filing Date	12/09/2003
First Named Inventor	SANDERS, Royden C.
Art Unit	3672
Examiner Name	
Attorney Docket Number	SDI21-US

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature _____ **Date Considered** _____

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/731,056
				Filing Date	12/09/2003
				First Named Inventor	SANDERS, Royden C.
				Art Unit	3672
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	SDI21-US

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
		LYNCH, Jerome, Overview of Active Structural Control Systems at Kajima Corporation, National Science Foundation Tokyo Regional Office, http://www.nsftokyo.org/ssr98-19.html , October 12, 1998				
		UC BERKELEY/EERC PROTECTIVE SYSTEMS, Structures Incorporating Tuned Mass Dampers, Engineering Structures, http://www.nisee.org/prosys/tuned.html , November 1995, Vol. 17, No. 9				
		U.S. PANEL ON STRUCTURAL CONTROL RESEARCH et al, Proceedings of: U.S.-Italy-Japan Workshop/Symposium on Structural Control and Intelligent Systems, USC Publication No. CE-9210, http://www.usc.edu/dept/civil_eng/structural/1992.html , July 1992				
		KLOEPPEL, James E., Lessening the Earthquake Risk, Research Horizons Georgia Institute of Technology, http://www.gtresearchnews.gatech.edu/reshor/rh-sf95/quake.htm , 11/27/03				
		HASSELL, Gregg et al, Fluid Viscous Damping as an Alternative to Base Isolation, Taylor Devices Inc., http://www.taylordevices.com/fvd_alt1.htm , 9/3/2002				
		CONSTANTINOU, M.C., Bridge Design Example for 2nd U.S. - Japan Workshop on Protective Systems for Bridges, December 1992, pp 1-20, Tsukuba, Japan				
		TAYLOR, D.P. et al, Test Methodology and Procedures for Fluid Viscous Dampers Used in Structures to Dissipate Seismic Energy (technical report), April 28, 1994, pp 1-53				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.